

position, so that each carrier is a member of a carrier class identified by a distinct code, and

B1
B2
B3

(b) each of at least two of the carrier classes being attached to different chemical compounds or cell populations that can be identified by the code on the respective class of carriers,

wherein each of said carriers includes separate layers or bundled fibers, the layers or bundled fibers having colors that at least partially define the code.

B2

3. (Amended) The composition of claim 1, wherein each carrier is a cylinder of stacked layers.

B3

6. (Amended) The composition of claim 1, wherein the different compounds in the composition are selected from the group consisting of peptides, oligopeptides, and proteins.

Please add the following new claims:

B4

--31. The composition of claim 1, wherein the separate layers or bundled fibers are made of glass.

32. The composition of claim 1, wherein the separate layers or bundled fibers are made of plastic.

33. The composition of claim 1, wherein the different cell populations each include one or more cells.--

Applicants have attached a separate, marked-up version of the amended claims, showing changes relative to the previous version, in accordance with 37 C.F.R. § 1.121.